

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	2	itoh.in. near shingo and "347"/\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/09/25 09:31
L4	745291	(double near sid\$3) or duplex\$3 or (double\$sid\$3) or (two near sid\$3) or (dual near sid\$3) or (dual\$sid\$3) or (front near back)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/09/25 09:33
L5	16	L4 same (invalidat\$3 or cancel\$3 or stop\$4) with (control\$4 or unit or step or command\$3) same (determin\$4 or recogniz\$5 or sens\$3 or detect\$3 or ((medium or media or paper) with type)) and "347"/\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/09/25 09:38
L6	110	"347"/\$3 and ((sens\$3 or recogniz\$5 or detect\$3 or determin\$3) with (media or paper or medium) with (type or kind or quality)) same (invalidat\$3 or stop\$4 or cancel\$4 or quit\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/09/25 09:40
L7	3	"347"/\$3 and ((sens\$3 or recogniz\$5 or detect\$3 or determin\$3) with (media or paper or medium) with (type or kind or quality)) same (invalidat\$3 or stop\$4 or cancel\$4 or quit\$4) same L4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/09/25 09:55
S1	719579	(double near sid\$3) or duplex\$3 or (double\$sid\$3) or (two near sid\$3) or (dual near sid\$3) or (dual\$sid\$3) or (front near back)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/09/25 08:32
S2	36803	"347"/\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/09/07 07:05

## EAST Search History

S3	5115	S1 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/25 07:54
S5	79	((count\$3 or add\$3) near (drop or droplet or spot or ((amount or ink or liquid) near (eject\$3 or print\$3 or record\$3 or consum\$3)))) same (compar\$4 or threshold or predetermin\$2) same (determin\$3 or control\$4 or enabl\$3)) and "347"/\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 07:59
S6	100	((count\$3 or add\$3) near (drop or droplet or spot or ((amount or ink or liquid) near (eject\$3 or print\$3 or record\$3 or consum\$3)))) same (compar\$4 or threshold or predetermin\$2) same (determin\$3 or control\$4 or enabl\$3)) and ("347"/\$3 or "358"/\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 08:07
S7	753	((count\$3 or add\$3) near (drop or pixel or droplet or spot or ((amount or ink or liquid) near (eject\$3 or print\$3 or record\$3 or consum\$3)))) same (compar\$4 or threshold or predetermin\$2) same (determin\$3 or control\$4 or enabl\$3)) and ("347"/\$3 or "358"/\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 08:08
S8	78	((count\$3 or add\$3) near (drop or pixel or droplet or spot or ((amount or ink or liquid) near (eject\$3 or print\$3 or record\$3 or consum\$3)))) same (compar\$4 or threshold or predetermin\$2) same (determin\$3 or control\$4 or enabl\$3)) and ("347"/\$3 or "358"/\$3) and (dual\$sid\$3 or (double near sid\$3) or double\$sid\$3 or (two near side\$3) or duplex\$3 or (front near back))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 08:09

## EAST Search History

S9	78	((count\$3 or add\$3) near (drop or pixel or droplet or spot or ((amount or ink or liquid) near (eject\$3 or print\$3 or record\$3 or consum\$3)))) same (compar\$4 or threshold or predetermin\$2) same (determin\$3 or control\$4 or enabl\$3)) and ("347"/\$3 or "358"/\$3) and (dual\$3 or (double near sid\$3) or double\$3 or (two near side\$3) or duplex\$3 or (front near back)) not silvebrook	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 08:09
S10	70	((count\$3 or add\$3) near (drop or pixel or droplet or spot or ((amount or ink or liquid) near (eject\$3 or print\$3 or record\$3 or consum\$3)))) same (compar\$4 or threshold or predetermin\$2) same (determin\$3 or control\$4 or enabl\$3)) and ("347"/\$3 or "358"/\$3) and (dual\$3 or (double near sid\$3) or double\$3 or (two near side\$3) or duplex\$3 or (front near back)) not silverbrook	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 08:28
S11	11	((count\$3 or add\$3) near (drop or pixel or droplet or spot or ((amount or ink or liquid) near (eject\$3 or print\$3 or record\$3 or consum\$3)))) same (compar\$4 or threshold or predetermin\$2) same (determin\$3 or control\$4 or enabl\$3)) and ("347"/\$3) and (dual\$3 or (double near sid\$3) or double\$3 or (two near side\$3) or duplex\$3 or (front near back)) not silverbrook	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 09:23
S12	5	("07314734" "2000141627" "5742301").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 11:49
S13	1	("6307981").pn. and (calculat\$3 or add\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 09:01

## EAST Search History

S14	10	("07314734" "2000141627" "5742301")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 08:50
S15	1	("6307981").pn. and (count\$3 with print\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 09:16
S16	173054	(predetermin\$3 area) with count\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 09:17
S17	2028	(predetermin\$3 area) with count\$3 and "347"/\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 09:18
S18	35	(predetermin\$3 near area) with count\$3 and "347"/\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 09:19
S19	1	(predetermin\$3 near area) with count\$3 with page and "347"/\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 09:19
S20	35	(predetermin\$3 near area) with count\$3 and "347"/\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 09:19
S21	4	("6751481" "6307981").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 09:24

## EAST Search History

S22	4	("6752481" "6307981").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 09:24
S23	2	("6752481" "6307981").pn. and area	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 09:25
S24	266	"347"/\$3 and page near2 test\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 09:30
S25	603	"347"/\$3 and area near (specification or specify\$3 or specifi\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 09:31
S26	10	"347"/\$3 and area near (specification or specify\$3 or specifi\$3) same (test\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 09:32
S27	20	"347"/\$3 and area near (specification or specify\$3 or specifi\$3) near (unit or device or control\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 09:33
S28	92	("347"/\$3 or "358"/\$3) and area near (specification or specify\$3 or specifi\$3) near (unit or device or control\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 09:34
S29	11	("347"/\$3 or "358"/\$3) and area near (specification or specify\$3 or specifi\$3) near (unit or device or control\$4) with (predetermine\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 09:35

## EAST Search History

S30	11	"347"/\$3 and (test near page) with (scan\$4 or pass\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/04/25 09:47
S31	138	"347"/\$3 and (test near page) with (scan\$4 or pass\$3 or print\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/04/25 09:48
S32	100	"347"/\$3 and (test near page) and ((scan\$4 or pass\$3) with (head or print\$head))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/04/25 10:19
S33	0	"347"/\$3 and (test near page) with (predetermin\$3 near2 time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/04/25 09:54
S34	0	"347"/\$3 and (test near page) with (predetermin\$3 near3 ( period or time))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/04/25 09:55
S35	2	"347"/\$3 and (test near page) same (predetermin\$3 with ( period or time))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/04/25 09:55
S36	119	"347"/\$3 and (test\$3) with (predetermin\$3 with ( period or time))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/04/25 09:56
S37	0	("6752481" "20020145640" "20030038975").pn. and (time or speed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/04/25 10:19

## EAST Search History

S38	989	"347"/\$3 and (print\$head or head) with (constant) with (speed or velocity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/04/25 10:24
S39	1335	(count\$3 with (second near side))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/04/25 10:25
S40	43	(count\$3 with (second near side) with (drop or droplet or pixel))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/25 10:30
S41	0	"6307981" and revers\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/25 10:31
S42	1	("07314734" "2000141627" "5742301").pn. and revers\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 10:39
S43	4	(medium or media) near (type) with (recogniz\$3 or sens\$3) same (invalidat\$3 or over\$rid\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 10:48
S44	22	(medium or media) near (type) with (recogniz\$3 or sens\$3) same (invalidat\$3 or over\$rid\$3 or eliminat\$3 or cancel\$3 or null\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 10:49
S45	1	("6307981").pn. and count\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 11:50

## EAST Search History

S46	1	"347"/\$3 and (stop\$4 or terminat\$3) with (count\$3) same (medium with type)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 11:51
S47	1	"347"/\$3 and (stop\$4 or terminat\$3) with (count\$3 or add\$3) same (medium with type)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 11:52
S48	322	(stop\$4 or terminat\$3) with (count\$3 or add\$3) same (medium with type)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 11:52
S49	40	(stop\$4 or terminat\$3) with (count\$3 or add\$3) same (medium with type) same Print\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 11:54
S50	81	(stop\$4 or terminat\$3 or halt\$3 or cease\$3 or quit\$3 or finish\$3) with (count\$3 or add\$3) same (medium with type) same Print\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 11:54
S51	15	(stop\$4 or terminat\$3 or halt\$3 or cease\$3 or quit\$3 or finish\$3) with (count\$3 or add\$3) same (medium with type) and ("347"/\$3 or "358"/\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 12:04
S52	133	"347"/\$3 and (invalidat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 12:11
S53	0	("6307981" "6752481" "20030038975" "20020145640" "20010019345" "5742301").pn. and (text and picture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/25 14:22



## EAST Search History

S54	0	("6307981" "6752481" "20030038975" "20020145640" "20010019345" "5742301").pn. and (image)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/25 14:22
S55	9	("6307981" "6752481" "20030038975" "20020145640" "20010019345" "5742301").pn. and (image)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 14:22
S56	1	("6307981" "6752481" "20030038975" "20020145640" "20010019345" "5742301").pn. and (text and picture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 14:25
S57	0	("6307981" "6752481" "20030038975" "20020145640" "20010019345" "5742301").pn. and (delay)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 14:25
S58	324	"347"/\$3 and (delay with start\$3 with time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 14:30
S59	1	"347"/\$3 and (delay with start\$3 with time) with second near side	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 14:29
S60	17	"347"/\$3 and (delay with start\$3 with time) and duplex\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 14:30
S61	17	"347"/\$3 and (delay near start\$3 near time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/25 14:32

## EAST Search History

S62	719579	(double near sid\$3) or duplex\$3 or (double\$sid\$3) or (two near sid\$3) or (dual near sid\$3) or (dual\$sid\$3) or (front near back)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/25 14:38
S63	8271	(delay\$3 with (start\$3 near time))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/25 14:39
S64	659	S62 and S63	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/25 14:39
S65	29	S62 and S63 and "347"/\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/25 14:40
S66	145	S62 and S63 and printer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/25 14:45
S67	8100	((time near period) or (start near time)) with (side or switch\$3 or revers\$3) and S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/25 14:50
S68	117	((time near period) or (start near time)) with (side or switch\$3 or revers\$3) and S62 and "347"/\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/25 14:51
S69	5535	"347"/\$3 and ((double near sid\$3) or duplex\$3 or (double\$sid\$3) or (two near sid\$3) or (dual near sid\$3) or (dual\$sid\$3) or (front near back))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/09/07 08:00

## EAST Search History

S70	1	"347"/\$3 and ((medium with type) with (invalidat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/09/07 08:02
S71	745291	(double near sid\$3) or duplex\$3 or (double\$sid\$3) or (two near sid\$3) or (dual near sid\$3) or (dual\$sid\$3) or (front near back)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/09/25 08:33
S72	1124	S71 and (invalidat\$3 or cancel\$3 or stop\$4) with (control\$4 or unit or step or command\$3) and "347"/\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/09/25 08:35
S73	58	S71 same (invalidat\$3 or cancel\$3 or stop\$4) with (control\$4 or unit or step or command\$3) and "347"/\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/09/25 09:32